In re the Application of:
  Leigh Allen Williamson   )

  Serial Number: 09/902,890   )   Group: 2126

  Docket Number: AUS920010326US1   )   Examiner: Li B Zhen

  Filed on: 07/12/2001   )

  For: "Pluggable JMS Providers in a J2EE)
  Server"   )

Claim 15 supplemental amendment:

A extension system for a default set of messaging resource functions in an enterprise application server, said application server having a default context factory class, said extension system comprising:

an alternate extension messaging service provider on an application server node, said extension messaging service provider having a name, description, initial context factory, and a provider universal resource locator (URL), said application server node also having a default messaging service;

one or more extension connection factories and destination resources;

bound references to said extension connection factories and destination resources in a namespace;

extension connection factory and destination resources created in an application server administration domain ; and ~~, which allow application programs to access and use said extension messaging service provider, connection factory and destination resources by performing an indirect naming service lookup through the default context factory.~~

an application program interface for accessing and using by an application program said alternate extension messaging service provider, connection factory and destination resources through performance of an indirect naming service lookup through said application server default context factory.